Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-11   Canceled.

12.   (New) Optical recording medium comprising an active layer made of inorganic material, presenting a front face for receiving an optical radiation during writing operations, and a rear face, medium wherein the inorganic material is a tellurium and zinc alloy comprising an atomic percentage of between 60% and 70% of zinc and between 30% and 40% of tellurium.

13.   (New) Recording medium according to claim 12, wherein the alloy comprises 65% of zinc and 35% of tellurium.

14.   (New) Recording medium according to claim 12, wherein the active layer has a thickness comprised between 15 nanometers and 50 nanometers.

15.   (New) Recording medium according to any claim 12, comprising a semi-reflecting layer arranged on the front face of the active layer and having a thickness comprised between 4 nanometers and 10 nanometers.

16.   (New) Recording medium according to claim 15, wherein the semi-reflecting layer is made of metal taken from the group comprising aluminium, gold, silver, copper, zinc, titanium, nickel and alloys thereof.

17. (New) Recording medium according to claim 12, comprising an additional metal layer arranged on the rear face of the active layer.

18. (New) Recording medium according to claim 17, wherein the additional metal layer has a thickness comprised between 9 nanometers and 12 nanometers.

19. (New) Recording medium according to claim 17, wherein the material of the additional metal layer is taken from the group comprising aluminium, gold, silver and copper.

20. (New) Recording medium according to claim 12, comprising a protective layer of polymer material on the rear face.

21. (New) Recording medium according to claim 20, wherein the protective layer is polydimethylsiloxane-based and has a thickness comprised between 10 micrometers and 100 micrometers.

22. (New) Recording medium according to claim 20, wherein the protective layer is deformable.